

SR 520 Multi-Modal Corridor Study
Description of Non-motorized Improvement Concepts by Location
June 2012

SR 520/124th Avenue/24th Street

Proposed Improvement: Interim Regional Trail

Complete interim regional trail connection from 108th Ave NE to 124th Avenue NE/NE 24th St

Estimated costs (2011\$): \$3,000,000

Construction schedule: start construction 2014

SR 520/148th Ave NE

Proposed Alternative Improvements:

1) SR 520 Parallel Alignment

- Grade separate SR 520 Bicycle/Pedestrian Trail with bridge and tunnel structures that parallel SR 520; and
- Provide grade separated access to Overlake Village area with new bike/pedestrian bridge over SR 520, connecting with existing bike/pedestrian path on west side of 148th Ave NE overpass
- Estimated costs (2012\$): \$15,438,000 - \$20,584,000
- Construction schedule: TBD

2) 148th Avenue Parallel Alignment

- Grade separate SR 520 Bicycle/Pedestrian Trail with bridge and tunnel structures that partially parallel 148th Ave NE
- Provide grade separated access to Overlake Village area with new bike/pedestrian bridge over SR 520, connecting with existing bike/pedestrian path on west side of 148th Ave NE overpass
- Estimated costs (2012\$): \$14,515,000 - \$19,353,000
- Construction schedule: TBD

3) 148th WB off-ramp/29th Street Alignment

- Grade separate SR 520 Bicycle/Pedestrian Trail with bridge structure at 148th Ave NE off-ramp and 29th Street intersection; and
- Provide grade separated access to Overlake Village area with new bike/pedestrian bridge over SR 520, connecting with existing bike/pedestrian path on west side of 148th Ave NE overpass
- Estimated costs (2012\$): \$8,536,000 - \$11,381,000
- Construction schedule: TBD

SR 520/152 Avenue NE – Bike/pedestrian Bridge Accessing Proposed Light Rail Station

Proposed Improvement: Construct bike/pedestrian bridge over SR 520

- At 152 NE construct bike/pedestrian bridge over SR 520 connecting the SR 520 Bicycle/Pedestrian Trail (north side of SR 520) with the proposed Sound Transit LRT station (south side of SR 520)
- Estimated costs (2012\$): TBD
- Construction schedule: TBD

SR 520 Multi-Modal Corridor Study
Description of Non-motorized Improvement Concepts by Location
June 2012

SR 520/156th Avenue NE – Overlake Transit Center Bike/pedestrian Bridge

Proposed Improvement: Construct bicycle/pedestrian bridge over SR 520

At 156th Ave NE construct bike/pedestrian bridge connecting the SR 520 Bicycle/Pedestrian Trail (north side of SR 520) and major land uses, and the future East Link Light Rail Overlake Transit Center Station (south side of SR 520)

Estimated costs (2012\$): not known

Construction schedule: TBD

SR 520/NE 40th Street

Proposed Improvement: Grade separate the SR 520 Bicycle/Pedestrian Trail at NE 40th St.

The trail will cross under NE 40th Street in a tunnel

Estimated costs (2011\$): \$6,590,000

Construction schedule: start construction 2015

SR 520/NE 51st Street

Proposed Improvement: Grade separate the SR 520 Bicycle/Pedestrian Trail at NE 51st Street

The trail will cross under NE 51st St in a tunnel

Estimated costs (2010\$): \$4,168,000

Construction schedule: start construction 2015

SR 520/West Lake Sammamish Parkway (WLSP)

Proposed Alternative Improvements

1a) Leary Way Tunnel

The SR 520 Bicycle/Pedestrian Trail will grade separate at WLSP/Leary Way via a tunnel

Estimated costs (2012\$): \$6,547,000 - \$8,729,000

Construction schedule: TBD

1b) Leary Way Bridge

The SR 520 Bicycle/Pedestrian Trail will grade separate at WLSP/Leary Way via a bridge

Estimated costs (2012\$): \$4,639,000 - \$6,186,000

Construction schedule: TBD

2) 154th Ave NE Alignment

Realign SR 520 Bicycle/Pedestrian Trail to parallel 154th Ave NE

Construct bicycle/pedestrian bridge over 154th Ave NE, connecting to Sammamish River Trail

Estimated costs (2012\$): \$6,373,000 - \$8,497,000

Construction schedule: TBD

SR 520 Multi-Modal Corridor Study
Description of Non-motorized Improvement Concepts by Location
June 2012

3) SR 520 Parallel Alignment

Grade separate the SR 520 Bicycle/Pedestrian Trail with a bridge over the Leary Way on-ramp, the Leary Way off-ramp and WLSP; terminating at a new connection with the Sammamish River Trail.

Estimated costs (2012\$): \$5,308,000 - \$7,076,000

Construction schedule: TBD

SR 520/SR 202

Proposed Alternative Improvements

1) Complete Missing Link

-Connect the East Lake Sammamish Trail (ELST) with the Sammamish River Trail via an abandoned trail alignment.

-The ELST will continue in a westerly direction thru the SR 520 ramp area via short tunnels and on reconstructed trail alignment, linking with the Redmond Central Connector.

Estimated costs (2012\$): \$9,421,000 - \$12,562,000

Construction schedule: TBD

2) NE 70th St Alignment

-Construct bicycle/pedestrian bridge over SR 520 (to the west of the ramps)

-Continue onto newly trail to connect to Redmond Central Connector

-Utilize NE 70th to access the bicycle/pedestrian bridge

Estimated costs (2012\$): \$8,900,000 - \$11,867,000

Construction schedule: TBD

3) NE 76th Street Alignment

-Construct bicycle/pedestrian diagonal bridge over the NE and SW corners of the SR 202/NE 76th Street

-Continue onto newly trail to connect to Redmond Central Connector; or

-Use existing path to connect to Bear Creek Trail

Estimated costs (2012\$): \$6,373,000 - \$8,497,000

Construction schedule: TBD